

An *Read March 6. 1829*

*Inaugural Dissertation*

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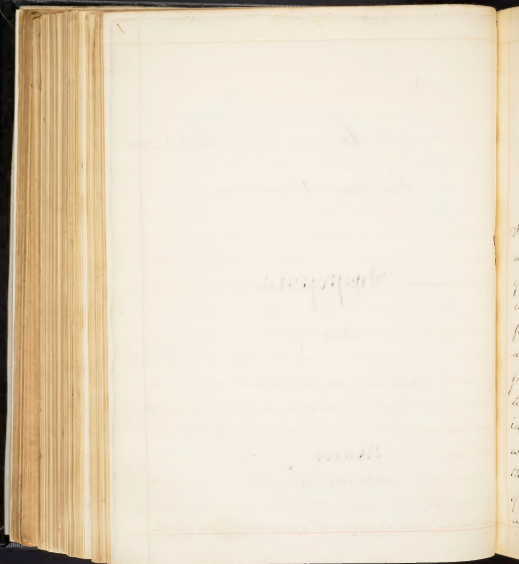
**Dyspepsia**

*By*

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*of Philadelphia*

**March**

**MDCCCXXIX**



# Dyspepsia

## Indigestion

Implies not only the imperfect performance of the act of digestion; but also an impaired condition of the functions of the Stomach, & Chylepnetic viscera in general. The term Dyspepsia is derived from *Dys*, bad - & *Pepsis*, to digest; & concoct, and it has become a disease of much more frequent occurrence in modern, than in former times; probably owing to the present refinements in cooking, to the comparative ease in which we live, & to the mind being more exercised than the body, by the many sedentary kinds of business now followed. The Stomach also in many other complaints sympathizes with the



part affected —

— Process of Digestion —

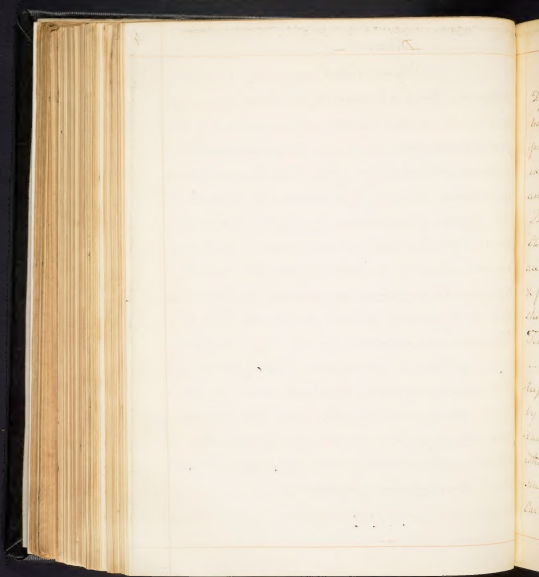
In the process of Digestion after the food has been masticated in the mouth & completely imbued with Saliva, it passes into the Stomach, where it is converted into Chyme, by being successively exposed to the action of the Gastric Juice as it is secreted from the surface of that viscus; When the food is converted into Chyme it is moved on by the peristaltic motion of the Stomach through the Pylorus, into the Duodenum & there by the action of the Biliary & Pancreatic fluids on the Chyme, the Chyle is separated from it, and is taken up by the numerous Lactals, opening on the surface of the Duodenum, Jejunum & Ileum, & progressively decreasing in number from the Duodenum to the Vals of the Colon. The Chyle passes along the Lactals through the mesenteric glands into the Thoracic Duct, by which it is emptied into



the Left Sub-Clavian Vein, and that is mixed with the Blood returning to the Heart.

The excrementitious portion of the food is propelled on by the vermicular motion of the small Intestines into the Colon, where the thinner portion is absorbed, and the remainder acquires the peculiar fecal smell. From the Colon it passes to the Rectum: by the contractions of which, assisted by the voluntary action of the Abdominal muscles, it is finally discharged.

There is great difference in the rapidity of Digestion in different persons, and the knowledge of this is of great importance; for by timing the meals so that one, shall not interfere with the digestion of the other; and so also that the digestive organs shall be no long period entirely inactive, we shall be able sometimes to cure Indigestion — — —

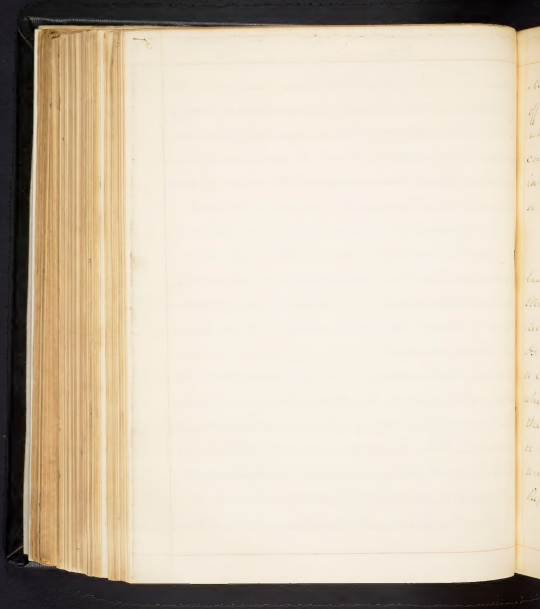




## Symptoms.

Dyspepsia commences with oppression, and sense of lead at the stomach after eating, appetite not uniform, Acid Evacuations, Turned tongue, or in cases induced by spirituous Liquors, the tongue is smooth and glassy, the papilla apparently absorbed; The surface of the body, and feet are cold and chilly, The cutaneous vessels inactive, the Bowels are irregular, the discharges small in quantity & frequently unnatural in appearance, sometimes there is disordered vision, Pain in Head, Vertigo, Tremulous Circumstances.

As the disease advances there is greater distaste after eating, the food often being rejected by vomiting which for the time relieves the uneasiness, there is much depression of spirits which unfits the individual for ~~business~~ business. Finally, there is also Palpitations, Flatulences, Cardialgia, Pyrosis, Costiveness, Emaciation,







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History

The first thing I noticed when I stepped out of the car was the smell of the sea. It was a salty, fresh scent that I had never experienced before. The sun was shining brightly, and the waves were crashing against the shore. I felt a sense of freedom and adventure as I walked along the beach.

As I walked, I noticed a small boat in the distance. It was a simple wooden boat with a single mast. I watched it for a while, wondering what it was doing. The boat disappeared into the distance, and I continued my walk. The beach was beautiful, with soft sand and gentle waves. I felt like I was in a dream world.

The Magnificent Mountains

As I walked, I noticed a small boat in the distance. It was a simple wooden boat with a single mast. I watched it for a while, wondering what it was doing. The boat disappeared into the distance, and I continued my walk. The beach was beautiful, with soft sand and gentle waves. I felt like I was in a dream world.





Nov. 10, 1881. To the same.

My dear Sir,

I have received your letter of the 10th inst.

and am glad to hear that you are well and happy.

I am very sorry to hear that you are not well.

I hope you will get better soon.

I am very sorry to hear that you are not well.

I hope you will get better soon.

I am very sorry to hear that you are not well.

I hope you will get better soon.

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I hope you will get better soon.

Yours truly,







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[illegible]

1. *Antennae* 11-segmented, 1st segment 1.5 times length of 2nd segment, 3rd segment 1.5 times length of 4th segment, 5th segment 1.5 times length of 6th segment, 7th segment 1.5 times length of 8th segment, 9th segment 1.5 times length of 10th segment, 11th segment 1.5 times length of 12th segment.



made for the summer. The first, a visit to  
 the lake, and the second, a visit to the  
 lake, and the third, a visit to the lake.

*Comitama*[illegible]



apparently in youth, which by being indulged in is more likely to become a chronic disease. In the former particular instance, it is the language of nature, & should be cautiously regarded.

If the irregular - occasional - vomiting is attended, as well, a flatulent distention of the stomach, & a flatulent eructation, & the frequent regurgitation, & if necessary by the frequency, you repeat immediately, to what the increase the indigestion, & the flatulent distention will be attended.

The location of the pain, & its character, the Periods to which it is confined, in many cases, is a very important consideration, there be no doubt. In this instance,

Acrid Tonic are best prescribed. They are the best in the Vegetable Kingdom, & are the best for the purpose.



a combination of the animal & vegetable.  
 Suit better than either separately, as a combina-  
 tion of the best of each, ichthuo or trochan  
 & linseed.

Exercise in the fresh air, particularly on  
 Horseback is very necessary. A small  
 Spoonful of 1/4 grain doses is a dose  
 to repeat.

In the 2<sup>d</sup> stage when the inflammatory  
 action has commenced, is indicated by  
 the tenderness of the Epigastrium, by the  
 febrile movement, the hard pulse &c.  
 the treatment must be considerably less.  
 Local depletion by leeches must be repeat-  
 edly performed, which if not successful  
 may be aided by a blister. The system  
 exhausted as in the most violent  
 particularly in women is a great  
 danger. In the last, warm food





all articles of stimulating character must be avoided, using in their place the Vegetable Mucilages, vegetable food & even the Salads Fruits, at the same time attending to the regulations before mentioned.

"In the 3<sup>d</sup> Stage, when structural arrangement has taken place, manifested by the violence, & obstinacy, before mentioned, & by the Hostile character of the Fever &c. nothing can be expected beyond simple palliation by remedies before alluded to.

"There is one form of Dyspepsia that occurs in Old Persons, the constitution to use a common expression breaks, the Countenance & skin is pallid, the lips pale, the Ears white & contracted, the ankles swollen, the Bowells relaxed or otherwise,

The tongue smooth & red, the Root of Nails Chalky. & there is vomiting sometimes



of darkish matter in considerable quantity,  
here treatment seems of little avail. as it  
terminates mostly in Death. —

Charles S. Safford

October 1828

